

1. A network system for managing information comprising:

a database store, in which information is stored and requested across the network system;

a plurality of clients, communicatively coupled to the database store, wherein at least one of the plurality of clients makes request of information from the database store; and

information access control to control the sharing of information requested by the at least one client by maintaining a list of those clients requesting the information and forwarding updates of the information to those clients on the list only.

2. The network system according to claim 1 wherein the information access control includes a smart cache controller to manage information accessed by one or more clients.

3. The network system according to claim 2 wherein the smart cache controller stores information within cache memory and provides caching updates to the client as the cached information is updated.

4. The network system according to claim 1 wherein the information access control caches information requested for as long as the information is required and removes the information from cache when no longer needed by the client.

5. The network system according to claim 1 wherein the client indicates to the information access control to remove the client from the list, thereby ending information updates to that client.

5 6. The network system according to claim 1 wherein the client is identified by location.

7. The network system according to claim 1 wherein the information access controller writes the changed information on the database store.

8. A method of managing information across a client/server system comprising:

storing information on a database store managed by a server;
requesting information on the client/server system by at least one client;
5 granting the requested information to the requesting client;
preparing a list of clients requesting the information;
providing updates of the requested information only to those clients listed.

9. The method according to claim 8 further comprising the step of removing a
10 client on the list based on the client's indication that the information is no longer needed.

10. The method according to claim 8 further comprising the step of updating the
information on the database store.

11. The method according to claim 8 further comprising the step of storing the
15 information client list on the server managing the requested information.

12. The method according to claim 8 wherein the information requesting step
and the information updating step are asynchronous with one another.

20 13. The method according to claim 8 wherein the updates are performed on a
timed schedule, in a sequential manner, or according to a pre-selected schedule.

14. A method of managing information across a client/server system comprising:
- storing information as data on a database store controlled in part by the server;
 - at a client side, generating a request for specific data stored on the database store;
 - 5 caching the requested data as a smart cache object on the server side;
 - forwarding to the requesting client a view of the smart cache object;
 - providing an interface registration object to maintain a list of clients receiving a view of the smart cache object.
- 10 15. The method according to claim 14 further comprising the step of asynchronously updating the smart cache object and the view thereof.
16. The method according to claim 15 further comprising the step of forwarding the updated view to each client maintained on the list.
- 15 17. The method according to claim 14 further comprising the step of sending a request from a client to the server to remove the client from the list.
18. The method according to claim 14 wherein the interface registration object
- 20 utilizes a client location to identify a client on the list.
19. The method according to claim 14 further comprising the step of sending update information of the data to the server maintaining the smart cache object.

20. The method according to claim 14 wherein the client/server is maintained within a medical office facility.

21. A method of automatically organizing data and sharing data in response to a data request, comprising:

maintaining a database store of data;

submitting new data to the database store;

5 correlating the new data with data stored within the database store;

selecting data stored within the database store based on the correlation of the new data with the stored data;

storing the new data within the database store based on its correlation;

sharing the selected correlated data with the source submitting the new data.

10 22. The method according to claim 21 including the step of caching the selected correlated data.

23. The method according to claim 21 including the step of generating a list of each client receiving the selected correlated data.

24. The method according to claim 23 updating the selected correlated data that has changed to each client on the list.

20 25. The method according to claim 24 wherein the data updating is done asynchronously on the client/server.

26. The method according to claim 21 wherein the data is related to healthcare provider information for medical and health care offices.